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## In the Claims:

1. (Original) An apparatus comprising:

a platen operable for moving between a first position proximate and in spaced relation to the blank and a second position through a biasing of the platen against the blank and a driving of the blank downstream therefrom;

a forming rail positioned downstream the first position for receiving the blank moving thereby and folding portions thereof, wherein a proximal portion of the forming rail partially folds peripheral portions of the blank and a distal portion of the forming rail secures the blank into a partially formed tray;

a first folding arm movably positioned for biasing against an extended portion of the partially formed tray for a folding thereof;

a compression plate movably carried in spaced relation to the partially formed tray;

a fixed plate carried in spaced relation to the compression plate and forming a passage therebetween;

a second folding arm movably positioned for biasing against the extended portion of the partially formed tray and for folding the extended portion through the passage, wherein the fixed plate is positioned for guiding an the extended portion onto a tray wall for providing a fully formed tray.

- 2. (Original) An apparatus according to claim 1, further comprising an in-feed conveyor for conveying the blank to the first position.
- 3. (Original) An apparatus according to claim 2, wherein the conveyor is positioned for conveying the blank in a non-vertical orientation for permitting gravity to hold a side surface of the blank against a surface of the conveyor.

In re Patent Application of:

**ROBERT M. HERRIN** 

Serial No. **10/721,962** Filing Date: **11/25/2003** 

4. (Original) An apparatus according to claim 3, further comprising an applicator for applying an adhesive to selected portion of the blank.

- 5. (Original) An apparatus according to claim 1, further comprising a drive mechanism operable with the platen for moving the platen between the first and second positions.
- 6. (Original) An apparatus according to claim 1, wherein the platen comprises a rectangular peripheral portion dimensioned for folding a bottom panel of the blank into a rectangular shape.
- 7. (Original) An apparatus according to claim 6, wherein the rectangular peripheral portion includes bevelled corners.
- 8. (Original) An apparatus according to claim 1, further comprising a guide plate carried by the platen further defining a platen periphery and for providing a compression surface.
- 9. (Original) An apparatus according to claim 8, wherein the compression surface comprises depressions for reducing a frictional contacting surface thereof.
- 10. (Original) An apparatus according to claim 1, wherein the forming rail comprises:

opposing end folding rails positioned for receiving end portions of the blank and dimensioned for folding the end portions upwardly from a bottom portion thereof;

Filing Date: 11/25/2003

opposing edge rails operable with each of the opposing end folding rails for inwardly folding outside edge portions of the end portions of the blank; and

opposing side folding rails positioned for receiving side portions of the blank and for folding the side portions upwardly from the bottom portion thereof while capturing the outside edge portions of the end portions therebetween, wherein the blank is received at proximal ends of the forming rail, and wherein a distal end thereof secures therein a partially formed tray formed from the blank.

- 11. (Original) An apparatus according to claim 1, further comprising a locking arm operable with the folding rail for securing the partially formed tray in the second position.
- 12. (Original) An apparatus according to claim 11, further comprising a drive device operable with each of the platen drive, the compression plate, the first folding arm, the second folding arm, and the locking mechanism for movement thereof.
- 13. (Original) An apparatus according to claim 12, further comprising a controller operable with the drive devices for the timely movement thereof.
- 14. (Original) An apparatus according to claim 1, further comprising a frame carried downstream the second position for receiving a fully formed tray prior to releasing the fully formed tray from the apparatus.
- 15. (Original) An apparatus according to claim 1, wherein the blank includes a paperboard construction defined by:

a bottom panel;

first and second opposing end panels attached to opposing peripheral end

portions of the bottom panel via first fold lines;

first and second opposing side panels attached to opposing peripheral side portions of the bottom panel via second fold lines;

an inside corner support member attached to opposing edges of each of the opposing end panels via a third fold line;

a top wall portion attached to opposing edges of each opposing side panel via a fifth fold line;

an outside corner support member attached to each of the top wall portions via a sixth fold line, wherein the outside corner support member includes a seventh fold line therein for forming an outside corner support via an end fold portion and a side fold portion thereof.

- 16. (Original) An apparatus according to claim 15, wherein the inside corner support member includes a fourth fold line therein for forming a bevel within the inside corner support member through a folding thereof;
- 17. (Original) An apparatus according to claim 16, wherein the platen is dimensioned and aligned to fit proximate the first and second fold lines when contacting the bottom panel, the platen having bevelled corner portions.
- 18. (Original) An apparatus according to claim 15, wherein the forming rail folds the end panels about the first fold lines and the side panels about the second fold lines, with each inside corner support member folded about the third fold line inwardly of the opposing side panels, and wherein the partially formed tray is configured with the end and side panels positioned generally orthogonal to the bottom panel and each of the inside corner support members folded about the third fold line and in juxtaposition with the side panel portions, and wherein each of the top wall portions and outside corner

support members are generally parallel to respective side panels thereof.

19. (Original) An apparatus according to claim 15, wherein the first folding arm is operable for folding the top wall portion about the fifth fold line to a position generally parallel to the bottom panel, and wherein the side fold portion is partially folded about the sixth line by passing through the passage, and wherein the compression plate is moveable for biasing against each of the side fold.

## 20. (Withdrawn) An apparatus comprising:

a platen operable for moving between a first position proximate and in spaced relation to a blank and a second position through a biasing of the platen against the blank and a driving of the blank downstream therefrom;

a first folding arm movably positioned for biasing against an extended portion of the blank formed into a partially formed tray through a folding thereof;

a compression plate movably carried in spaced relation to the partially formed tray;

a fixed plate carried in spaced relation to the compression plate and forming a passage therebetween, wherein the fixed plate is positioned for guiding the extended portion onto a tray wall.

- 21. (Withdrawn) An apparatus according to claim 20, further comprising a second folding arm movably positioned for biasing against the extended portion of the partially formed tray and for folding the extended portion through the passage.
- 22. (Withdrawn) An apparatus according to claim 20, further comprising a forming rail positioned downstream the first position for receiving the blank moving thereby and folding portions thereof.

Filing Date: 11/25/2003

23. (Withdrawn) An apparatus according to claim 22, wherein a proximal portion of the forming rail partially folds peripheral portions of the blank and a distal portion of the forming rail secures the blank into a partially formed tray;

## 24. (Withdrawn) An apparatus comprising:

a platen operable for moving between a first position proximate and in spaced relation to a blank and a second position through a biasing of the platen against the blank and a driving of the blank downstream therefrom; and

a forming rail positioned downstream the first position for receiving the blank moving thereby and folding portions thereof, the forming rail comprising:

opposing end folding rails positioned for receiving end portions of the blank and dimensioned for folding the end portions upwardly from a bottom portion thereof;

opposing edge rails operable with each of the opposing end folding rails for inwardly folding outside edge portions of the end portions of the blank; and opposing side folding rails positioned for receiving side portions of the blank and for folding the side portions upwardly from the bottom portion thereof

while capturing the outside edge portions of the end portions therebetween.

25. (Withdrawn) An apparatus according to claim 24, wherein the blank is received at proximal ends of the forming rail, and wherein a distal portion of the forming rail secures the blank into a partially formed tray.

## 26. (Withdrawn) An apparatus comprising:

a platen operable for biasing against a blank and for a driving of the blank downstream through a forming rail, the platen having a guide plate carried thereby

about a platen periphery and for providing a compression surface operable with side wall portions of a tray formed from a folding of the blank.

- 27. (Withdrawn) An apparatus according to claim 26, wherein the compression surface comprises depressions for reducing a frictional contacting surface thereof.
- 28. (Withdrawn) An apparatus according to claim 26, wherein the guide plate comprises a plurality of guide plates for adjustably defining a platen peripheral compression surface.
- 29. (Withdrawn) A method of forming a tray from a paperboard blank, the method comprising:

providing a paperboard blank having a plurality of fold lines therein, the blank having a bottom panel, first and second opposing end panels attached to opposing peripheral end portions of the bottom panel via first fold lines, first and second opposing side panels attached to opposing peripheral side portions of the bottom panel via second fold lines, wherein each of the opposing end panels has an inside corner support member attached to opposing edges of each of he opposing end panels via a third fold line, each of the opposing side panels having a top wall portion attached thereto via a fifth fold line, and wherein an outside corner support member is attached to the top wall portion via a sixth fold line, the outside corner support member having a seventh fold line therein for forming an outside corner support via an end fold portion and a side fold portion thereof;

conveying the blank from a loading position downstream along a conveying path to a first forming position;

applying an adhesive to a surface of the blank along each of the outside corner members and portions of the side panels proximate thereto as the blank is conveyed

In re Patent Application of:

ROBERT M. HERRIN Serial No. 10/721,962

Filing Date: 11/25/2003

downstream to the first forming position;

supporting a platen proximate the first folding position in spaced relation to the blank, the platen dimensioned and aligned to fit proximate the first and second fold lines when contacting the bottom panel;

biasing the platen against the bottom wall for moving the blank from the first forming position downstream toward a second forming position through a forming path generally orthogonal to the conveying path;

advancing the platen through a forming rail positioned downstream the first forming position for folding the end panels about the first fold lines and the side panels about the second fold lines, wherein each inside corner support member is folded about the third fold line inwardly of the opposing side panels, and wherein the inside corner support member is further folded about the fourth fold line through a biasing of the bevelled corner portions therewith for forming a bevelled corner therefor;

further advancing the platen downstream and thus the blank along the forming path to the second forming position, wherein a distal portion of the forming rail secures the blank into a partially formed tray, wherein the partially formed tray is configured with the end and side panels positioned generally orthogonal to the bottom panel and each of the inside corner support members folded about the third fold line and in juxtaposition with the side panel portions having the adhesive thereon, and wherein each of the top wall portions and outside corner support members are generally parallel to respective side panels thereof;

retracting the platen from the second forming position upstream along the forming path to the spaced position;

positioning a compression plate in spaced relation to each of the side panels;

biasing a first folding arm against the top wall portion for folding the top wall portion about the fifth fold line to a position generally parallel to the bottom panel, wherein the side fold portion is partially folded about the sixth line by contacting the

Filing Date: 11/25/2003

compression plate;

biasing a second folding arm against each of the end fold portions for a folding thereof about the seventh fold line into contact with the end wall;

biasing the compression plate against each of the side fold portions for forming a fully formed tray having double glued corner portions formed from the sandwiching of the side panel between the side fold portion of the outside corner support member and the inside corner support member; and

retracting the biasing for advancing the fully formed tray further downstream.

- 30. (Withdrawn) A method according to claim 29, further comprising forming a bevel within the inside corner support member through a folding thereof, wherein the platen includes bevelled corners, and wherein the inside corner support member includes a fourth fold line therein.
- 31. (Withdrawn) A method according to claim 29, further comprising locking the partially formed tray in the second forming position prior to the platen retracting.
- 32. (Withdrawn) A method according to claim 31, further comprising unlocking the fully formed tray for permitting the advancing further downstream.
- 33. (Withdrawn) A method according to claim 29, further comprising advancing the fully formed tray downstream into a frame for a setting thereof.
- 34. (Withdrawn) A method of forming a tray, the method comprising:
  providing a blank having portions thereof for forming a bottom panel, first and
  second opposing end panels, first and second opposing side panels, wherein each of
  the opposing end panels has an inside corner support member attached to opposing

Filing Date: 11/25/2003

edges of each of the opposing end panels, each of the opposing side panels having a top wall portion attached thereto, and\d wherein an outside corner support member is attached to the top wall portion, the outside corner support member having an outside corner support and a side fold portion thereof for forming the blank into a tray having a double glued wall construction;

biasing a platen against the bottom panel for moving the blank downstream through a forming rail positioned for folding the end panels and the side panels, wherein each inside corner support member is folded inwardly of the opposing side panels,

further advancing the platen downstream and to a tray forming position, wherein a distal portion of the forming rail secures the blank into a partially formed tray, wherein the partially formed tray is configured with the end and side panels positioned generally orthogonal to the bottom panel and each of the inside corner support members are folded and in juxtaposition with the side panel portions, and wherein each of the top wall portions and outside corner support members are generally parallel to respective side panels thereof;

retracting the platen from the tray forming position upstream therefrom; positioning a compression plate in spaced relation to each of the side panels;

biasing a first folding arm against the top wall portion for folding the top wall portion to a position generally parallel to the bottom panel, wherein the side fold portion is partially folded by contacting the compression plate;

biasing a second folding arm against each of the end fold portions for a folding thereof into contact with the end wall; and

biasing the compression plate against each of the side fold portions for forming a fully formed tray.

35. (Withdrawn) A method according to claim 34, further comprising applying an adhesive to a surface of the blank along each of the outside corner members and

Filing Date: 11/25/2003

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portions of the side panels proximate thereto.

- 36. (Withdrawn) A method according to claim 35, wherein the adhesive applying is completed prior to the platen biasing.
- 37. (Withdrawn) A method according to claim 36, wherein the adhesive applying provides double glued corner portions formed from the sandwiching each of the side panels between each of the side fold portions of the outside corner support members and the inside corner support members.
- 38. (Withdrawn) A method according to claim 34, further comprising forming a bevel within the inside corner support member through a folding thereof, wherein the platen includes bevelled corners, and wherein the inside corner support member includes a fourth fold line therein.
- 39. (Withdrawn) A method according to claim 34, further comprising locking the partially formed tray in the second forming position prior to the platen retracting.
- 40. (Withdrawn) A method according to claim 39, further comprising unlocking the fully formed tray for permitting advancing the fully formed tray downstream.
- 41. (Withdrawn) A method according to claim 40, further comprising advancing the fully formed tray downstream into a frame for a setting thereof.
- 42. (Withdrawn) A method of forming a tray, the method comprising:

  providing a blank having portions thereof for forming a bottom panel, first and
  second opposing end panels, first and second opposing side panels, wherein each of

Filing Date: 11/25/2003

the opposing end panels has an inside corner support member attached to opposing edges of each of the opposing end panels, each of the opposing side panels having a top wall portion attached thereto, and wherein an outside corner support member is attached to the top wall portion, the outside corner support member having an outside corner support and a side fold portion thereof for forming the blank into a tray having a double glued wall construction;

biasing a platen against the bottom panel for moving the blank downstream through a forming rail positioned for folding the end panels and the side panels, wherein each inside corner support member is folded inwardly of the opposing side panels, further advancing the platen downstream and to a tray forming position, wherein a distal portion of the forming rail secures the blank into a partially formed tray, wherein the partially formed tray is configured with the end and side panels positioned generally orthogonal to the bottom panel and each of the inside corner support members are folded and in juxtaposition with the side panel portions, and wherein each of the top wall portions and outside corner support members are generally parallel to respective side panels thereof;

retracting the platen from the tray forming position upstream therefrom; positioning a compression plate in spaced relation to a fixed plate for forming a passage therebetween;

biasing a first folding arm against the top wall portion for folding the top wall portion to a position generally parallel to the bottom panel, wherein the side fold portion is partially folded by contacting the compression plate;

biasing a second folding arm against each of the end fold portions for a folding thereof while moving through the passage into contact with the end wall, wherein the fixed plate guides the end fold portions into a preselected orientation onto the end walls; and

biasing the compression plate against each of the side fold portions for forming a

fully formed tray.

- 43. (Withdrawn) A method according to claim 42, wherein the platen includes a guide plate having a compression surface carried thereby about a platen periphery, and wherein the method comprises compressing end and side wall portions of a tray formed from a folding of the blank.
- 44. (Withdrawn) A method according to claim 43, wherein the compression surface comprises depressions for reducing a frictional contacting surface thereof.
- 45. (Withdrawn) A method according to claim 43, wherein the guide plate comprises a plurality of guide plates for adjustably defining a platen peripheral compression surface.